

PATENT FILES

12/3,K/1 (Item 1 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00862586

TRENDFORM GRIDGING METHOD USING DISTANCE TRANSFORMATIONS

VERFAHREN ZUM ERZEUGEN EINES GITTERS UNTER VERWENDUNG EINES FORMGITTERS
UND

VON ENTFERNUNGSTRANSFORMATIONEN

PROCEDE D'ETABLISSEMENT DE GRILLE DE FORME FAISANT APPEL A
DES

TRANSFORMATIONS DE DISTANCE

PATENT ASSIGNEE:

LANDMARK GRAPHICS CORPORATION, (1185882), 15150 Memorial Drive,
Houston,

TX 77079-4304, (US), (Proprietor designated states: all)

INVENTOR:

ZORASTER, Steven, 3329 Perry Lane, Austin, TX 78731, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,
London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 862768 A1 980909 (Basic)

EP 862768 A1 990127

EP 862768 B1 030226

WO 97019424 970529

APPLICATION (CC, No, Date): EP 96942768 961118; WO 96US18472 961118

PRIORITY (CC, No, Date): US 7508 P 951122

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06T-017/50; **G06F-017/17**

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English;
English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200309	604
CLAIMS B	(German)	200309	547
CLAIMS B	(French)	200309	710
SPEC B	(English)	200309	4771
Total word count - document A			0
Total word count - document B			6632
Total word count - documents A + B			6632

...INTERNATIONAL PATENT CLASS: **G06F-017/17**

...SPECIFICATION transformation".

Computer contouring typically involves a two-step process. In the
first

step, a digital model is created by interpolation from
irregularly

spaced data which is provided in the form of (xi) , yi,) zi)))
triples

...

programmed to provide the option of changing how independent and dependent variables function in **analyses** before data are reanalyzed.

69 The system as claimed in claim 54 that is implemented...

...Internet.

77 The system as claimed in claim 54 that is applied to measure and **analyze** internal control in adaptive systems in which the repeated measures data are about one or...on the Internet.

87 The system as claimed in claim 54 that is applied to **analyze** serial functional images in which the repeated measures data are about one or more individuals...

...on the Internet.

95 The system as claimed in claim 54 that is applied to **analyze** behavior in which the repeated measures data are about one or more individuals, said data...on the Internet.

97 The system as claimed in claim 54 that is applied to **analyze** behavior modification and organization in which the repeated measures data are about one or more individuals, said data for each individual comprising values for at least two variables comprising any **combination** of stimulus and response variables, the data for the stimulus variable(s) being used to...

...the

Internet.

103. Use of the system as claimed in claim 97 to quantify, discover, **analyze**, and describe individual differences in responsiveness to behavior modification.

104. The system as claimed in...

File 344:Chinese Patents Abs Aug 1985-2005/May

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File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200544

(c) 2005 Thomson Derwent

File 348:EUROPEAN PATENTS 1978-2005/Jul W01

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050707,UT=20050630

(c) 2005 WIPO/Univentio

File 331:Derwent WPI First View UD=200544

(c) 2005 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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Set	Items	Description
S1	88	PREDICT? () INTERPOLAT?
S2	49252	(GENERAT? OR CREAT?) (5N) (MODEL? ? OR SIMULAT? OR EMULAT? OR IMITAT? OR MIRROR?)
S3	1286	(COMPUTER? OR AUTOMATE? OR ELECTRONIC?) (5N) (FORECAST? OR - PREDICT?)
S4	11260	(PREVIOUS OR FORMER OR PAST OR FIRST OR 1ST OR HISTORICAL? -) (5N) (PREDICT? OR FORECAST?)
S5	13963	(CURRENT OR PRESENT) (5N) (PREDICT? OR FORECAST?)
S6	3339091	COMBIN? OR COMPAR? OR ANALYZ? OR ANALYS?
S7	0	C4CAST() COM OR .C4CAST.COM.
S8	1363	AU=(PHILLIPS, G? OR PHILLIPS G? OR FINDLAY, M? OR FINDLAY - M? OR JENNINGS, W? OR JENNINGS W? OR KLEIN, S? OR KLEIN S? OR RICE, M? OR RICE M?)
S9	8	S1 AND S2
S10	52	INTERPOLAT? (3N) S2
S11	52	S10 NOT S9
S12	9	S11 AND IC=G06F
S13	129	S3 AND S4 AND S5 AND S6
S14	129	S13 NOT (S9 OR S12)
S15	56	S14 AND IC=G06F
S16	1	S15 AND INTERPOLAT?
S17	0	S8 AND S1
S18	10	S8 AND S2
S19	3	S18 AND IC=G06F

Abstract Files

11/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5653475 INSPEC Abstract Number: B9709-6140C-460, C9709-5260B-222

Title: Efficient method for lossless image compression using suboptimal, adaptive multiplicative autoregressive models

Author(s): Das, M.

Author Affiliation: Dept. of Electr. & Syst. Eng., Oakland Univ., Rochester, MI, USA

Journal: Electronics Letters vol.33, no.15 p.1302-4

Publisher: IEE,

Publication Date: 17 July 1997 Country of Publication: UK

CODEN: ELLEAK ISSN: 0013-5194

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1104211 H.W. WILSON RECORD NUMBER: BAST93036322

Motion-compensating prediction with fractional-pel accuracy

Girod, Bernd;

IEEE Transactions on Communications v. 41 (Apr. '93) p. 604-12

DOCUMENT TYPE: Feature Article ISSN: 0090-6778 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: A study is presented of the effect of fractional-pel accuracy using spatial **prediction / interpolation** filters on the efficiency of motion-compensating predictors. The prediction error of the power spectral density and the probability density function of the displacement error are related in **model** calculations. The predictions are improved by higher accuracy of motion compensation and by spatial Wiener filtering in the prediction. These **model** results are confirmed by videophone and broadcast TV signals. Sinc-interpolation, bilinear interpolation, and Wiener filtering are compared at interger-pel accuracies, and a 3-stage technique for displacement estimation is made. It is concluded that quarter-pel accuracy is required for broadcast TV signals and half-pel accuracy for videophone signals.

DESCRIPTORS: Image motion compensation; Spatial filters; Prediction methods (Information theory);

?

File 256:TecInfoSource 82-2005/Jun

(c) 2005 Info.Sources Inc

File 2:INSPEC 1969-2005/Jul W1

(c) 2005 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2005/Jun

(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Jul W2

(c) 2005 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jun

(c) 2005 The HW Wilson Co.

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 The Gale Group

File 474:New York Times Abs 1969-2005/Jul 14

(c) 2005 The New York Times

File 475:Wall Street Journal Abs 1973-2005/Jul 14

(c) 2005 The New York Times

File 139:EconLit 1969-2005/Jul

(c) 2005 American Economic Association

Set	Items	Description
S1	43	PREDICT?()INTERPOLAT?
S2	80926	(GENERAT? OR CREAT?)(5N)(MODEL? ? OR SIMULAT? OR EMULAT? OR
		IMITAT? OR MIRROR?)
S3	4320	(COMPUTERI? OR AUTOMATE? OR ELECTRONIC?)(5N)(FORECAST?
OR -		PREDICT?)
S4	22376	(PREVIOUS OR FORMER OR PAST OR FIRST OR 1ST OR

HISTORICAL? -

) (5N) (PREDICT? OR FORECAST?)

S5 20271 (CURRENT OR PRESENT) (5N) (PREDICT? OR FORECAST?)

S6 4981161 COMBIN? OR COMPAR? OR ANALYZ? OR ANALYS?

S7 0 C4CAST() COM OR .C4CAST.COM.

S8 4179 AU=(PHILLIPS, G? OR PHILLIPS G? OR FINDLAY, M? OR

FINDLAY -

M? OR JENNINGS, W? OR JENNINGS W? OR KLEIN, S? OR KLEIN S?

OR

RICE, M? OR RICE M?)

S9 0 S1 AND S2

S10 10 S1 AND MODEL?

S11 7 S10 NOT PY>1999

S12 4 S3 AND S4 AND S5 AND S6

S13 15 S8 AND INTERPOLAT?

S14 8 S13 NOT PY>1999

Full Text Files

11/3,K/1 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

10167739 SUPPLIER NUMBER: 20297939 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Bayesian prediction of transformed Gaussian random fields.

De Oliveira, Victor; Kede, Benjamin; Short, David A.

Journal of the American Statistical Association, v92, n440, p1422(12)

Dec, 1997

ISSN: 0162-1459 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 6688 LINE COUNT: 00575

... kriging, which is by far the most frequently used method in the geosciences for spatial **prediction / interpolation**. More specifically, using cross-validation as in Section 4.1, we compare the predictive performance...

11/3,K/2 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

01427969 SUPPLIER NUMBER: 10588072 (USE FORMAT 7 OR 9 FOR FULL TEXT)

MPEG: a video compression standard for multimedia applications. (Moving Picture Experts Group) (technical)

Le Gall, Didier

Communications of the ACM, v34, n4, p46(13)

April, 1991

17/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00551841 91-26199

System Predicts Future W.C. Claims

Calise, Angela K.

National Underwriter (Property/Casualty/Employee Benefits) v95n19 PP:
23,

26 May 13, 1991

ISSN: 0898-8897 JRNL CODE: NUN

...ABSTRACT: information service company serving the workers
compensation
(WC) market, has created MIRA (Micro Insurance Reserve **Analysis**). It
is
the industry's **first automated** loss reserve system that **predicts**
the
cost and duration of **current** WC claims with a 98.5% accuracy rate.
Mark

S. Hammond of Risk Data maintained...

File 16:Gale Group PROMT(R) 1990-2005/Jul 14

(c) 2005 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2005/Jul 15

(c)2005 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2005/Jul 15

(c) 2005 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jul 15

(c) 2005 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2005/Jul 14

(c) 2005 The Gale Group

File 9:Business & Industry(R) Jul/1994-2005/Jul 14

(c) 2005 The Gale Group

File 15:ABI/Inform(R) 1971-2005/Jul 14

(c) 2005 ProQuest Info&Learning

File 20:Dialog Global Reporter 1997-2005/Jul 15

(c) 2005 The Dialog Corp.

File 95:TEME-Technology & Management 1989-2005/Jun W1

(c) 2005 FIZ TECHNIK

File 476:Financial Times Fulltext 1982-2005/Jul 15

(c) 2005 Financial Times Ltd

File 610:Business Wire 1999-2005/Jul 15

(c) 2005 Business Wire.

File 613:PR Newswire 1999-2005/Jul 15

(c) 2005 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2005/Jul 14

(c) 2005 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2005/Jul 14

(c) 2005 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

File 625:American Banker Publications 1981-2005/Jul 14

(c) 2005 American Banker

File 268:Banking Info Source 1981-2005/Jul W1
 (c) 2005 ProQuest Info&Learning
 File 626:Bond Buyer Full Text 1981-2005/Jul 14
 (c) 2005 Bond Buyer
 File 267:Finance & Banking Newsletters 2005/Jul 12
 (c) 2005 The Dialog Corp.

Set	Items	Description
S1	6	PREDICT?()INTERPOLAT?
S2	259504	(GENERAT? OR CREAT?)(5N)(MODEL? ? OR SIMULAT? OR EMULAT? OR IMITAT? OR MIRROR?)
S3	32439	(COMPUTERI? OR AUTOMATE? OR ELECTRONIC?)(5N)(FORECAST? OR - PREDICT?)
S4	207211	(PREVIOUS OR FORMER OR PAST OR FIRST OR 1ST OR HISTORICAL?-) (5N)(PREDICT? OR FORECAST?)
S5	132010	(CURRENT OR PRESENT)(5N)(PREDICT? OR FORECAST?)
S6	20178900	COMBIN? OR COMPAR? OR ANALYZ? OR ANALYS?
S7	0	C4CAST()COM OR .C4CAST.COM.
S8	1412	AU=(PHILLIPS, G? OR PHILLIPS G? OR FINDLAY, M? OR FINDLAY - M? OR JENNINGS, W? OR JENNINGS W? OR KLEIN, S? OR KLEIN S?
OR		RICE, M? OR RICE M?)
S9	0	S1(S)S2
S10	4	S1 NOT PY>1999
S11	4	RD (unique items)
S12	70	S2(5N)INTERPOLAT?
S13	70	S12 NOT S11
S14	24	S13 NOT PY>1999
S15	21	RD (unique items)
S16	1	S3(S)S4(S)S5(S)S6
S17	1	S16 NOT S11
S18	0	S8(S)(S1 OR S2)
S19	0	S8(S)INTERPOLAT?

Inventor

1/3,K/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

016507975 **Image available**
 WPI Acc No: 2004-666255/200465
 XRPX Acc No: N04-527510

Financial forecasting method e.g. for commodity price forecasting,
 involves dividing forecasters into clusters defined based on
 comparison
 of previous predictions made by forecasters, using statistical
 clustering
 technique
 Patent Assignee: C4CAST.COM INC (CFOU-N)

US 6907403 B1 20050614 US 2000615025 A 20000713 200539 B
 Priority: US 2000615025 A 20000713

Filing Details:

Patent No Kind Lan Pg Filing Notes
US 6907403 B1 ENG

...Inventor: **FINDLAY M C**

File 344:Chinese Patents Abs Aug 1985-2005/May
 (c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)
 (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200544
 (c) 2005 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2005/Jul W01
 (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050707,UT=20050630
 (c) 2005 WIPO/Univentio
File 331:Derwent WPI First View UD=200544
 (c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
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Set	Items	Description
S1	5	AU='FINDLAY M C'